

1731

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Re Patent Application of
Rolf De Vos et al.

Application No. 09/763,221

Filed: May 15, 2001

For: BLEACHING OF MEDIUM CONSISTENCY:
PULP WITH OZONE WITHOUT HIGH
SHEAR MIXING

Group Art Unit: 1731

Examiner:

Date: July 16, 2001

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.
The fee has been calculated as shown below.

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TC 1700

CLAIMS AS AMENDED

(1)	(2)	(3)	(4)	(5)	(6)	(7)
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PAID FOR	NUMBER OF EXTRA CLAIMS	RATE	ADDL. FEE
TOTAL CLAIMS	* 7	MINUS **	20	= 0	x \$ 9 =	\$ 0.00
INDEP. CLAIMS	* 1	MINUS ***	3	= 0	x \$ 40 =	\$ 0.00
FEE FOR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM(S)					\$135 =	\$ 0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT.....						\$ 0.00

- * If the entry in col. 2 is less than entry in col. 4 write "0" in col. 5.
 ** If the "highest number paid for" in this space is less than 20, write "20" in this space.
 *** If the "highest number paid for" in this space is less than 3, write "3" in this space.

1. ☒ Applicant claims small entity status under 37 C.F.R. 1.27.
 2. ☒ No additional fee is required.
 3. ☒ Charge \$0.000 or any additional fees or credit overpayment to Deposit Account No. 12-1095. A duplicate copy of this sheet is enclosed.

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X
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PRELIMINARY AMENDMENT

Sir:

Preliminary to initiation of the prosecution of the above-identified pending U.S. patent application, the following amendments and remarks are respectfully submitted.

IN THE ABSTRACT

Please delete the Abstract as filed and substitute therefor the attached revised Abstract.

IN THE SPECIFICATION

Please amend the Specification in accordance with the attached revised Specification. A copy showing revision marks and a clean copy are included.

IN THE CLAIMS

Please cancel claims 1-6 and add new claims 7-13.

7 (NEW) A method for bleaching medium consistency cellulose pulp comprising providing a stream of said cellulose pulp, generating a stream of ozone-containing gas having an ozone concentration of at least 20% by weight from pressurized oxygen, and radially injecting said stream of ozone-containing gas into said stream of cellulose pulp so as to provide a stream of bleached cellulose pulp, whereby said cellulose pulp may be bleached without the use of a high-shear mixer.

EXPRESS MAIL LABEL NUMBER: EL804525575US